

ABSTRACT OF THE DISCLOSURE

A die castable magnesium based alloy comprising, by weight, between about 3 and 10% aluminum, between about 0.5 and 2.5% calcium, up to about 1.5% silicon, up to about 0.7% zinc, and the remainder being magnesium. The alloy has been found to exhibit more favorable castability and creep resistance than comparative magnesium based alloys.